Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state thousand gallons per day

	Conventional						
	Sales to end users			Sales for resale			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bull		
United States							
May 2018	14,708.9	15,047.2	4,472.1	193,177.1	20,356.4		
April 2018	14,479.4	14,736.0	4,413.1	183,971.7	19,568.2		
May 2017	15,261.1	15,516.3	4,901.9	188,811.4	13,980.0		
PAD District 1							
May 2018	W	W	W	50,615.5	V		
April 2018	W	W	W	49,677.8			
May 2017	W	W	W	50,750.9	W		
Subdistrict 1A							
May 2018	<del>-</del> _		W_	W			
April 2018	<del>-</del> _		W_	W			
May 2017	-	-	W	W			
Connecticut							
May 2018	<del>-</del> _		<del></del> .				
April 2018	<del>-</del> _		<del></del> .				
May 2017	-	-	-	-			
Maine							
May 2018	<del>_</del>		<del>.</del> .	W_			
April 2018			W	W			
May 2017	-	-	W	W			
Massachusetts							
May 2018	_	_	-	-			
April 2018			<u> </u>				
May 2017			<u> </u>				
New Hampshire							
May 2018	_	_	W	W			
April 2018			W	W			
May 2017			W	<del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del> <del>-</del>			
Rhode Island			••				
May 2018		_	_	_			
April 2018			·				
May 2017			<u>.</u>				
Vermont							
May 2018	_	_	W	W			
April 2018		<u>-</u>	W	W			
May 2017				W			
			••				
Subdistrict 1B							
May 2018					<u>W</u>		
April 2018				W	<u>W</u>		
May 2017	W	W	W	6,117.8	V		
Delaware							
May 2018			<del></del> -				
April 2018	<del>-</del> _		<del>-</del> _				
May 2017	-	-	-	-			
District of Columbia							
May 2018	<del>-</del> _	<del>-</del> _	<del>-</del> -	<del>-</del>			
April 2018	<del>-</del> _	<del>-</del> _	<del>-</del> -	<del>-</del>			
May 2017	-	-	-	-			
Maryland							
May 2018			<del>-</del> _	W			
April 2018			<del>-</del> _	358.2			
May 2017	-	-	-	462.7			
New Jersey							
May 2018		<del>-</del> _	<del>.</del> .	<del>-</del> _	V		
April 2018		<del>-</del> _	<del></del> .	<del>-</del>	V		
May 2017	-	-		-			
New York							
May 2018	W_	W	W_	W_	V		
April 2018	W	W		W	V		
May 2017	W	W	W	W			
Pennsylvania					•		
May 2018	W	W	-	W_	V		
April 2018	W		-	W			
May 2017	W	W		W	V		
IVIAY ZU1/	VV	VV		VV			

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Reformulated					
	Sales to end users		Sales for resale			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul	
United States						
May 2018	9,238.5	9,261.3	17,988.7	79,770.5	4,317.5	
April 2018	9,056.6	9,081.8	18,191.2	77,563.3	3,229.6	
May 2017	9,313.7	9,339.3	17,853.7	77,985.7	2,438.4	
PAD District 1						
May 2018	W	W	W	29,267.9	<u>V</u>	
April 2018	W	W	W	28,015.3	V	
May 2017	W	W	W	27,498.3	W	
Subdistrict 1A						
May 2018		W	W	W	<u>W</u>	
April 2018		W	W	W	W	
May 2017	W	W	W	4,710.6	V	
Connecticut						
May 2018	<del>.</del>	W	W	2,623.5	V	
April 2018	-	W	W	2,534.8	V	
May 2017	-	W	w	W	N/	
Maine						
May 2018	-	_	_	W		
April 2018	·		<del>-</del>	W W		
		<del>- </del>	<del></del>			
May 2017	-	-	-	W		
Massachusetts						
May 2018	W	W	<del>-</del>	1,242.7		
April 2018	W	W	<del>-</del>	1,151.3		
May 2017	W	W	W	W		
New Hampshire						
May 2018	W	W	_	W		
April 2018		<del> </del>		W		
May 2017		<del>VV</del>				
	vv	VV	-	-		
Rhode Island						
May 2018		W	<del>-</del>	1,141.9		
April 2018	W W	W	<del>_ </del>	1,063.3		
May 2017	W	W	W	NA	V	
Vermont						
May 2018	-	-	-	-		
April 2018	<del>-</del>	-		-		
May 2017	<del>-</del>		-	-		
Subdistrict 1B						
May 2018	W	W	W	W	2,469.3	
April 2018	W	W	W	W	W	
May 2017	W	w	w	18,504.0		
Delaware						
	W	W		1 224 2		
May 2018			<del></del>	1,324.2		
April 2018		W	<del>-</del>	1,101.8		
May 2017	W	W	-	1,176.2		
District of Columbia						
May 2018	<del>-</del> <del>-</del>		<del>_</del>			
April 2018	<del>-</del>	<del>-</del>	<del>_</del>			
May 2017	-	-	-	=		
Maryland						
May 2018	_	_	_	W		
April 2018	·		<u>-</u>	4,395.0		
May 2017		<del>-</del>	<del>-</del> W	W		
	-	-	vv	vv		
New Jersey						
May 2018		W			<u>V</u>	
April 2018	W	W	W	W	<u>W</u>	
May 2017	W	W	W	7,796.0	V	
New York						
May 2018	W	W	W	W	V	
April 2018		W	W	W	W	
May 2017		W	<del>- v</del>	W	<del>-</del> '	
	**	v v	**	**		
Pennsylvania	147	14/		147	1.4	
May 2018			<del></del>	<del>W</del>	M	
April 2018			<del>-</del>		<u>W</u>	
May 2017	W	W	-	W	W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	All formulations					
	Sales to end users		Sá			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul	
United States						
May 2018	23,947.5	24,308.5	22,460.8	272,947.6	24,673.9	
April 2018	23,535.9	23,817.7	22,604.3	261,535.1	22,797.8	
May 2017	24,574.8	24,855.6	22,755.6	266,797.1	16,418.3	
PAD District 1						
May 2018	7,760.0	7,879.9	W	79,883.4	W	
April 2018	7,628.7	7,676.8	W	77,693.1	W	
May 2017	8,149.7	8,164.4	W	78,249.2	W	
Subdistrict 1A						
May 2018	W	W	W	5,792.3	V	
April 2018		W		5,450.1	W	
May 2017	<del></del>		W	W	W	
Connecticut						
May 2018	-	W	W	2,623.5	W	
April 2018		W	W	2,534.8	W	
May 2017		W	w	W	NA	
Maine						
May 2018	-	-	-	674.9		
April 2018	<del>-</del>		W	W		
May 2017			W	W		
Massachusetts						
May 2018	W	W	_	1,242.7		
April 2018		W		1,151.3		
May 2017	W	W	W	W		
New Hampshire						
May 2018	W	W	W	W		
April 2018		W	W	W		
May 2017	W	W	w	W		
Rhode Island						
May 2018	W	W	-	1,141.9		
April 2018	W	W	<u>-</u>	1,063.3		
May 2017		W	W	NA	W	
Vermont						
May 2018	<u>-</u>		W	W		
April 2018	<del>-</del>		W	W		
May 2017	-	-	W	W		
Subdistrict 1B						
May 2018	4,120.6	4,120.7	W	25,557.4	W	
April 2018	3,976.7	3,976.8	W	24,090.8	W	
May 2017	4,041.9	4,042.3	W	24,621.8	W	
Delaware	•	,		,		
May 2018	W	W	_	1,324.2		
April 2018		W		1,101.8		
May 2017	W	W	<u>-</u>	1,176.2		
District of Columbia						
May 2018	-	-	_	-		
April 2018		<del>-</del>	<u>-</u>	<del>-</del>		
May 2017	-	<del>-</del>	-	<del>-</del>		
Maryland						
May 2018	-	-	_	4,564.2		
April 2018		<del>-</del>	<u>-</u>	4,753.2		
May 2017			W	W		
New Jersey						
May 2018	W	W	W	W	2,119.7	
April 2018		W	W		898.8	
May 2017	W	W	W	7,796.0	W	
New York						
May 2018	2,546.9	2,546.9	W	6,185.1	W	
April 2018	2,453.3	2,453.4		5,798.0	W	
May 2017	2,486.5	2,486.8	W	5,957.0	W	
Pennsylvania	,	,		,		
May 2018	ww	W	-	W	W	
April 2018		W	-	W	W	
May 2017	W	W		W	W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Conventional					
	Sales to end users		Sales for resale			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul	
Subdistrict 1C						
May 2018	W	W		44,016.7	444.	
April 2018		W		43,712.5	320.	
May 2017	W	W	-	W	V	
Florida						
May 2018	W	W		15,313.0		
April 2018	W	W		16,109.8		
May 2017	W	W	-	16,385.5		
Georgia						
May 2018	W	W	-	W	1	
April 2018	W	W	-	W		
May 2017	W	W	-	W		
North Carolina						
May 2018	W	W	_	W	\	
April 2018	W	W		W	,	
May 2017	W			9,897.3		
	**	VV		3,037.3		
South Carolina	14/	14/		\A/		
May 2018		<del>W</del>		4,634.7	'	
April 2018						
May 2017	W	W	-	4,830.0		
Virginia						
May 2018		<del>-</del>		<u>W</u>		
April 2018	<del>-</del> <del>-</del>	<del>-</del>		W	<i>'</i>	
May 2017	W	W	-	3,357.2		
West Virginia						
May 2018		W	<del>-</del>	W		
April 2018	W	W	<del>-</del>	W		
May 2017	W	W	-	674.2		
PAD District 2						
May 2018	W	7,296.7	NA	W		
	W		NA		<u>\</u>	
April 2018			W			
May 2017	7,253.1	VV	VV	VV	\	
Illinois						
May 2018		W		<u>W</u>		
April 2018		W		<u>W</u>		
May 2017	W	W	-	W	'	
Indiana						
May 2018		W	<del>-</del>	W		
April 2018		W				
May 2017	W	W	-	W	\	
Iowa						
May 2018		W		2,951.9		
April 2018	<u> </u>	W		2,675.6		
May 2017	-	W	-	2,871.5		
Kansas						
May 2018	W	W	-	4,575.1	616.	
April 2018	W	W	<u>-</u>	W		
May 2017	W	W	<u>-</u>	4,701.8	663	
Kentucky				·,· · · ·		
May 2018	W	14/		W	,	
April 2018						
		<u>W</u>			,	
		W				
May 2017			<del>-</del>			
May 2017 <b>Michigan</b>	W W			W		
May 2017 <b>Michigan</b> May 2018				W		
May 2017  Michigan  May 2018  April 2018		W W				
May 2017  Michigan  May 2018  April 2018  May 2017				W		
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota						
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018				- W W W W W W W W W W W W W W W W W W W	\	
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018 April 2018			NA			
May 2017  Michigan  May 2018  April 2018  May 2017  Minnesota  May 2018  April 2018  May 2017				- W W W W W W W W W W W W W W W W W W W		
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018 April 2018 May 2017 Missouri			NA	W W W W W W W W W W W W W W W W W W W		
May 2017  Michigan  May 2018  April 2018  May 2017  Minnesota  May 2018  April 2018  April 2018  May 2017			NA	W W W W W W W W S,174.7		
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018 April 2018 May 2017 Missouri			NA	W W W W W W W W W W W W W W W W W W W		

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Conventional					
	Sales to end users		Sales for resale			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul	
Subdistrict 1C						
May 2018	W	W		44,016.7	444.	
April 2018		W		43,712.5	320.	
May 2017	W	W	-	W	V	
Florida						
May 2018	W	W		15,313.0		
April 2018	W	W		16,109.8		
May 2017	W	W	-	16,385.5		
Georgia						
May 2018	W	W	-	W	1	
April 2018	W	W	-	W		
May 2017	W	W	-	W		
North Carolina						
May 2018	W	W	_	W	\	
April 2018	W	W		W	,	
May 2017	W			9,897.3		
	**	VV		3,037.3		
South Carolina	14/	14/		\A/		
May 2018		<del>W</del>		4,634.7	'	
April 2018						
May 2017	W	W	-	4,830.0		
Virginia						
May 2018		<del>-</del>		<u>W</u>		
April 2018	<del>-</del> <del>-</del>	<del>-</del>		W	<i>'</i>	
May 2017	W	W	-	3,357.2		
West Virginia						
May 2018		W	<del>-</del>	W		
April 2018	W	W	<del>-</del>	W		
May 2017	W	W	-	674.2		
PAD District 2						
May 2018	W	7,296.7	NA	W		
	W		NA		<u>\</u>	
April 2018			W			
May 2017	7,253.1	VV	VV	VV	\	
Illinois						
May 2018		W		<u>W</u>		
April 2018		W		<u>W</u>		
May 2017	W	W	-	W	'	
Indiana						
May 2018		W	<del>-</del>	W		
April 2018		W				
May 2017	W	W	-	W	\	
Iowa						
May 2018		W		2,951.9		
April 2018	<u> </u>	W		2,675.6		
May 2017	-	W	-	2,871.5		
Kansas						
May 2018	W	W	-	4,575.1	616.	
April 2018	W	W	<u>-</u>	W		
May 2017	W	W	<u>-</u>	4,701.8	663	
Kentucky				·,· · · ·		
May 2018	W	14/		W	,	
April 2018						
		<u>W</u>			,	
		W				
May 2017			<del>-</del>			
May 2017 <b>Michigan</b>	W W			W		
May 2017 <b>Michigan</b> May 2018				W		
May 2017  Michigan  May 2018  April 2018		W W				
May 2017  Michigan  May 2018  April 2018  May 2017				W		
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota						
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018				- W W W W W W W W W W W W W W W W W W W	\	
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018 April 2018			NA			
May 2017  Michigan  May 2018  April 2018  May 2017  Minnesota  May 2018  April 2018  May 2017				- W W W W W W W W W W W W W W W W W W W		
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018 April 2018 May 2017 Missouri			NA	W W W W W W W W W W W W W W W W W W W		
May 2017  Michigan  May 2018  April 2018  May 2017  Minnesota  May 2018  April 2018  April 2018  May 2017			NA	W W W W W W W W S,174.7		
May 2017 Michigan May 2018 April 2018 May 2017 Minnesota May 2018 April 2018 May 2017 Missouri			NA	W W W W W W W W W W W W W W W W W W W		

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Reformulated					
	Sales to end users		Sales for resale			
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul	
Subdistrict 1C						
May 2018	-	-	-	4,517.0		
April 2018	-	-	-	4,439.7		
May 2017	<del>-</del>			4,283.6		
Florida				.,200.0		
May 2018		<del>-</del>	<del>-</del>			
April 2018		<del>_ </del>	<del></del>			
May 2017	-	-	-	-		
Georgia						
May 2018	-	-	-	-		
April 2018	<u>-</u>		<u>-</u>			
May 2017			·			
North Carolina						
May 2018		<del></del>	<del></del>			
April 2018	<del>-</del>	<del>-</del>	<del>-</del>			
May 2017	-	-	-	-		
South Carolina						
May 2018	-	-	-	_		
April 2018	<del>-</del> <del>-</del>	<del>-</del>	· <del></del>			
		<del></del>	· <del></del>			
May 2017	-	-	-	-		
Virginia						
May 2018	<del>-</del>	<u> </u>	<u>-</u>	4,517.0		
April 2018	-		<u>-</u>	4,439.7		
May 2017				4,283.6		
				4,203.0		
West Virginia						
May 2018		<del></del>	<del></del>			
April 2018	<del>-</del>	<del>-</del>	<del>-</del>			
May 2017	-	-	-	-		
PAD District 2						
May 2018		W	<del>-</del>	W	V	
April 2018	W	W	<del>-</del>	W	V	
May 2017	W	W	-	W	V	
Illinois						
May 2018	W	W		W	V	
			· <del></del>			
April 2018			<del>-</del>	<u>W</u>	V	
May 2017	W	W	-	W	V	
Indiana						
May 2018	W	W	<del>-</del>	942.3		
April 2018	W	W	-	876.4		
May 2017	W			1,103.5		
	**	**		1,103.3		
lowa						
May 2018		<del>-</del>	<del>-</del>	<del>-</del>		
April 2018	<del>-</del>	<del>-</del>	<del>-</del>	<del>-</del>		
May 2017	-	-	-	-		
Kansas						
May 2018	_		_			
		<del>"</del>	· <del></del>			
April 2018		<del>-</del>	<del>-</del>	<del>-</del>		
May 2017	-	-	-	-		
Kentucky						
May 2018	W	w	-	1,107.3		
April 2018		W	·	803.5		
May 2017	<del> </del>	<del>vv</del>		1,009.5		
	vv	vv	-	1,003.3		
Michigan						
May 2018	<del>-</del>	<del>-</del>	<del>-</del>	<del>-</del>		
April 2018	<del>-</del>	<del>-</del>	<del></del>			
May 2017	_	-	<u>-</u>	-		
Minnesota						
May 2018	<del>-</del>	<del>-</del>	<del>_ </del>			
April 2018		<del>-</del>	<del>-</del>	<del>-</del>		
May 2017	-	-	-	-		
Missouri						
May 2018	_	_	_	W	v	
April 2018				W		
May 2017		<del>-</del>	<del>- </del>	w 689.0	<u>A</u>	
	-	_	-	b89.0		

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Sales to end users Sales for resale					
Geographic area month	Through retail outlets	Total[a]	DTW	Rack	Bul	
Subdistrict 1C		'				
May 2018	W	W	_	48,533.8	444.	
April 2018		W		48,152.2	320.	
May 2017	W	W		W	V	
Florida					-	
May 2018	W	W	_	15,313.0		
April 2018			<u>_</u>	16,109.8		
May 2017				16,385.5		
	VV	VV	-	10,363.3		
Georgia	14/	14/		14/	,	
May 2018		W			<u>\</u>	
April 2018	W W	<del>W</del>		<u>v</u> v	'	
May 2017	VV	VV	-	VV	'	
North Carolina						
May 2018		W		W		
April 2018		W		W		
May 2017	W	W	-	9,897.3		
South Carolina						
May 2018	W	W		W		
April 2018	W	W		4,634.7		
May 2017	W	W	-	4,830.0		
Virginia						
May 2018	-	-	_	W	\	
April 2018				W	V	
May 2017	W			7,640.8		
West Virginia	**	**		7,040.0		
May 2018	W	W		W	\	
April 2018						
	<del>vv</del>	<del>vv</del>		674.2	· ·	
May 2017	VV	VV	-	074.2		
PAD District 2						
May 2018	W W	W	NA	87,549.0	1,431.	
April 2018	W W	W	NA	81,434.2	1,252.	
May 2017	W	9,003.8	W	85,345.2	\	
Illinois				03,343.2	•	
Illinois May 2018	W	W				
May 2018	W W	WW		12,039.7	95.	
May 2018 April 2018	W	W		12,039.7 11,596.1	95. 116.	
May 2018 April 2018 May 2017				12,039.7	95. 116.	
May 2018 April 2018 May 2017 Indiana		W		12,039.7_ 11,596.1_ W	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018	W_ W	W W		12,039.7 11,596.1 W	95. 116. \	
May 2018 April 2018 May 2017 <b>Indiana</b> May 2018 April 2018	W_ W 	W_ W 		12,039.7 11,596.1 W W W	95. 116. \	
May 2018 April 2018 May 2017 <b>Indiana</b> May 2018 April 2018 May 2017	W_ W	W W		12,039.7 11,596.1 W	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017	W_ W 			12,039.7 11,596.1 W W W	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018	W_ W 	W		12,039.7 11,596.1 W W W W	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018	W_ W 	W_ W_ W_ W_ W_ W_		12,039.7 11,596.1 W W W W 2,951.9 2,675.6	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2018 April 2018 May 2017	W_ W 	W		12,039.7 11,596.1 W W W W	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas	W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2018 April 2018 May 2017	W_ W 	W_ W_ W_ W_ W_ W_		12,039.7 11,596.1 W W W W 2,951.9 2,675.6	95. 116. \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas	W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W	95. 116. \ \ \ \ \ \ \ \ \ \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 April 2018 May 2017 Kansas May 2018	W W W W W W W W W W W W W W W W W W W	W_ W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5	95.	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 April 2018 May 2017 Kansas May 2018 April 2018 April 2018 April 2018 April 2018 May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W	95.	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2018 April 2018 May 2017 Kentucky	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8	95 116	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018	W W W W W W W W W W W W W W W W W W W	W W W W W W W		12,039.7 11,596.1 W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8	95. 116. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2018 April 2018 April 2018 May 2017 Kentucky May 2018 April 2018 April 2018 April 2018	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8	95. 116. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2017 Kentucky May 2018 April 2018 April 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W		12,039.7 11,596.1 W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8	95. 116. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2017 Kentucky May 2018 April 2018 May 2017 Kentucky May 2018 May 2017 Kentucky May 2018 May 2017 Michigan	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8	95. 116. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2017 Kentucky May 2018 April 2018 April 2018 May 2017 Kentucky May 2017 Michigan May 2018	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W	95. 116. 10. 10. 10. 10. 10. 10. 10. 10. 10. 10	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Michigan May 2018 April 2018 April 2018	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W	95. 116. \( \) 616. \( \) 663.	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas May 2018 April 2018 April 2018 April 2018 April 2018 April 2018 May 2017 Kentucky May 2018 April 2018 April 2018 April 2018 April 2018 April 2018 May 2017 Michigan May 2018 April 2018 April 2018 April 2018 April 2018 May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W	95. 116. \( \) 616. \( \) 663.	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 May 2017 Michigan May 2018 April 2018 May 2017 Minnesota	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W	95. 116. \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Kintigan May 2017 Michigan May 2018 April 2018 April 2018 May 2017 Michigan May 2017 Minnesota May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W W	95. 116. \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Iowa May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Michigan May 2018 April 2018 May 2017 Michigan May 2017 Minnesota May 2018 April 2018 April 2018 April 2018 May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W	NA	12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W W	95. 116. \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 April 2018 May 2017 Kansas May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 April 2018 April 2018 April 2018 April 2018 May 2017 Kintigan May 2017 Michigan May 2017 Michigan May 2017 Minnesota May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W		12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W W	95. 116. \(\) \(\) \(\) \(\) \(\) \(\) \(\) \(\	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Iowa May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Michigan May 2018 April 2018 May 2017 Michigan May 2017 Minnesota May 2018 April 2018 April 2018 April 2018 May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W	NA	12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W W W	95. 116.  V  616.  663.	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Michigan May 2018 April 2018 May 2017 Michigan May 2017 Minnesota May 2018 April 2018 May 2017 Minnesota May 2018 April 2018 April 2018 May 2017	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W	NA	12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W W	95. 116	
May 2018 April 2018 May 2017 Indiana May 2018 April 2018 April 2018 May 2017 Iowa May 2018 April 2018 May 2017 Kansas May 2018 April 2018 May 2017 Kentucky May 2018 April 2018 April 2018 May 2017 Kentucky May 2018 April 2018 May 2017 Michigan May 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 May 2017 Minnesota May 2018 April 2018 April 2018 April 2018 April 2018 May 2017 Minnesota May 2017 Missouri	W W W W W W W W W W W W W W W W W W W	W W W W W W W W W W W W W W W W W W W	NA	12,039.7 11,596.1 W W W W 2,951.9 2,675.6 2,871.5 4,575.1 W 4,701.8 W W W W	95. 116.  V V V 616.  616.  V V V V V V V V V V V V V V V V V V	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Conventional					
Geographic area month	Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bul	
PAD District 2 (cont.)						
Nebraska						
May 2018	W W	W	<del>-</del>	1,777.3		
April 2018	W W	W	<del>-</del>	1,705.2		
May 2017	W	W	-	1,739.3		
North Dakota						
May 2018	W	W	-	1,113.5		
April 2018	W	W		920.1		
May 2017	W	W	W	W		
Ohio						
May 2018	W	W	-	W	W	
April 2018		W	<del>-</del>	W	W	
May 2017	W	W	<del>-</del>	w	W	
Oklahoma						
May 2018	W	W	_	4,929.7	460.7	
April 2018		W		4,543.2	631.0	
May 2017	<del> </del>	W		4,775.5	332.6	
South Dakota		**		4,773.3	332.0	
May 2018	W	W		1,092.4		
April 2018		<u>v</u> v W	<del>-</del>	935.4		
		W W	<del>-</del>	1,104.6		
May 2017 Tennessee	VV	VV	-	1,104.0	-	
	W	W		10.936.0		
May 2018			<del></del>	10,836.9		
April 2018			<del></del>	10,096.3		
May 2017	W	VV	-	10,318.3	-	
Wisconsin						
May 2018		54.7		4,543.4		
April 2018		53.2		3,908.9		
May 2017	W	56.9	W	W	-	
PAD District 3						
May 2018		1,091.8	W		W	
April 2018		1,152.0	W	W	W	
May 2017	1,098.1	1,139.4	W	39,202.4	W	
Alabama						
May 2018			<del></del>	W	W	
April 2018		W	<del></del>	W	W	
May 2017	-	W	-	5,029.2	-	
Arkansas						
May 2018	<del>-</del>		<del>-</del>	3,387.6		
April 2018	<del>-</del>		<del>-</del>	3,280.0		
May 2017	-	-	-	3,352.4		
Louisiana						
May 2018		W	<del>-</del>	6,803.1	1,969.6	
April 2018		W	<del>-</del>	6,339.8	1,999.8	
May 2017	-	W	-	6,659.4	455.5	
Mississippi						
May 2018	<u>-</u>	<del>-</del>	-	3,131.3	1,680.5	
April 2018	<del>-</del>			3,019.4	911.7	
May 2017	-		-	W	W	
New Mexico						
May 2018	W	495.2	W	W		
April 2018		489.3		W		
May 2017	<del> </del>	497.2		W		
Texas		.3,	••	•••		
May 2018	WW	W	W	W	10,536.2	
April 2018		W			11,196.9	
May 2017		W		W	11,150.5 W	
2011	V V	V V	V V	V V	VV	

## Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

Reformulated					
Sales to end users		Sales for resale			
Through retail outlets	Total[a]	DTW	Rack	Bull	
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		<del></del>			
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-	-	-	15,894.4		
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-	<del>-</del>	<del>-</del>			
<del>-</del>	-	-	-		
<u>.</u>	-	<u>-</u>	<del>-</del>		
	-	- <del>-</del>	- W	V	
-		<u> </u>	- W W W	V	
		Sales to end users  Through retail outlets  Total[a]	Through retail outlets  Total[a]  DTW  Through retail outlets  Total[a]  DTW	Sales to end users   Total[a]   DTW   Rack	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

All formulations Sales to end users Sales for resale Geographic area month Through retail outlets Total[a] DTW Bulk PAD District 2 (cont.) Nebraska May 2018 W W 1,777.3 April 2018 W W 1,705.2 May 2017 W W 1,739.3 **North Dakota** May 2018 W W 1,113.5 April 2018 W W 920.1 May 2017 W W W Ohio May 2018 W W W W April 2018 W W W W May 2017 W W W W Oklahoma W 4,929.7 460.7 May 2018 W April 2018 W W 4,543.2 631.0 May 2017 W W 4,775.5 332.6 South Dakota May 2018 W W 1,092.4 April 2018 W W 935.4 May 2017 W W 1,104.6 Tennessee May 2018 W W 10,836.9 April 2018 W W 10,096.3 10,318.3 May 2017 W W Wisconsin 6,097.3 May 2018 W W NA 5,484.7 April 2018 W W NA W May 2017 W W PAD District 3 May 2018 1,059.2 1,091.8 W 56,470.9 W April 2018 1,119.8 1,152.0 W 54,624.9 W 1,098.1 May 2017 1,139.4 W 55,096.7 W Alabama May 2018 W W April 2018 W W May 2017 W 5,029.2 Arkansas May 2018 3,387.6 April 2018 3,280.0 May 2017 3,352.4 Louisiana May 2018 6,803.1 1,969.6 April 2018 W 6,339.8 1,999.8 W 6,659.4 May 2017 455.5 Mississippi May 2018 3,131.3 1,680.5 April 2018 3,019.4 May 2017 **New Mexico** May 2018 W 495.2 W W April 2018 W 489.3 W W May 2017 W 497.2 W W Texas May 2018 35,949.7 W W W W April 2018 W W W 35,059.0 W May 2017 34,694.8 W

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Conventional					
Geographic area month	Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	
PAD District 4						
May 2018	W	W	W	13,500.5	W	
April 2018		W	w	12,698.0	W	
May 2017	W	551.3	W	13,274.5	W	
	**	331.3	**	13,274.3	**	
Colorado	224.5	227.5	144	5 724 0		
May 2018	221.5	227.5		5,724.8		
April 2018	219.5	225.6	W	5,475.6	M	
May 2017	238.5	243.1	W	W		
Idaho						
May 2018	W	W	<del>-</del>	1,742.6		
April 2018	W	W	-	1,587.1		
May 2017	W	W	<u> </u>	1,649.5		
Montana				_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
	VA/	14/		1 501 6		
May 2018	<u>W</u>	W	<del></del>	1,581.6		
April 2018		W		1,384.9		
May 2017	W	W	-	1,561.2		
Utah						
May 2018	W	W	W	3,386.9	W	
April 2018	W	W	W	3,136.2	W	
May 2017	<del></del>	W		W	W	
	VV	VV	vv	vv	V	
Wyoming						
May 2018	W	14.2	<del>-</del>	1,064.6		
April 2018		11.6	<del>-</del>	1,114.2		
May 2017	W	13.3	-	1,043.2	-	
PAD District 5						
May 2018	1,467.2	W	W	14,124.1	W	
April 2018	1,409.8	W		13,700.8	W	
		1,515.2	<del>vv</del>			
May 2017	W	1,515.2	VV	W	V	
Alaska						
May 2018		W	101.5	W		
April 2018	W	W	92.0	W	W	
May 2017	W	W	103.6	W	W	
Arizona						
May 2018	W	W	W	W		
		W	298.5	W		
April 2018						
May 2017	W	W	461.5	W		
California						
May 2018	<del>-</del>		<del>_</del>		W	
April 2018		<del>-</del>	<del>-</del>	<del>-</del>	W	
May 2017	-	-	-	-	W	
Hawaii						
	W	W	W	W	W	
May 2018						
April 2018		W	W	W	<u>M</u>	
May 2017	W	W	W	W	W	
Nevada						
May 2018	W	W	W	1,879.9	W	
April 2018	W	W	W	1,695.9	W	
May 2017	<del></del> W	W	W	1,674.1	W	
	**	vv	**	1,074.1	V	
Oregon	445.0	115.0		2 200 5		
May 2018		116.8	W	3,209.5	<u>M</u>	
April 2018	114.8	114.8	W	3,184.9	W	
May 2017	118.1	118.1	985.3	2,893.2	67.9	
Washington						
May 2018	407.5	416.0	W	6,331.9	W	
	359.2	366.8		6,079.1		
April 2018						
May 2017	385.0	393.0	W	6,084.7	W	

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.) thousand gallons per day

	Reformulated						
Geographic area month	Sales to end users		Sales for resale				
	Through retail outlets	Total[a]	DTW	Rack	Bul		
PAD District 4							
May 2018							
April 2018							
May 2017	-	-	-	-			
Colorado							
May 2018	_	_	_	_			
April 2018							
May 2017							
Idaho							
May 2018		<del>-</del>					
April 2018							
May 2017	-	-	-	-			
Montana							
May 2018							
April 2018							
May 2017	-	-	-	-			
Utah							
May 2018	-	_	_	_			
April 2018							
May 2017							
		_	_	-			
Wyoming							
May 2018							
April 2018							
May 2017	-	-	-	-			
PAD District 5							
May 2018	4,452.3	W	W	21,419.7	V		
April 2018	4,397.3		W	21,384.0	v		
	W	4,481.5		W	v		
May 2017	VV	4,401.3	VV	VV	V		
Alaska							
May 2018							
April 2018							
May 2017	-	-	-	-			
Arizona							
May 2018		W	W	W			
April 2018	<u>-</u>	W	W	W	V		
May 2017	-	W	W	W	V		
California							
May 2018	4,452.3	4,453.5	15,651.0	W	V		
April 2018	4,397.3	4,398.9	15,878.6	W	v		
	W	W	15,706.1	18,735.1	V		
May 2017	VV	VV	13,700.1	18,733.1	v		
Hawaii							
May 2018							
April 2018							
May 2017	-	-	-	-			
Nevada							
May 2018							
April 2018	<del>-</del>		<u>-</u>				
May 2017	-			-			
Oregon							
May 2018	_	_	_	_			
April 2018							
May 2017							
	-	-	-	-			
Washington							
May 2018							
April 2018			<del>-</del> <del>-</del>				
May 2017	-	-	-	-			
IVIAY 2017							

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)

thousand gallons per day

	All formulations					
Geographic area month	Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	
PAD District 4						
May 2018	W	W	W	13,500.5	W	
April 2018	W		w	12,698.0	W	
May 2017	W	551.3		13,274.5	W	
Colorado				,		
May 2018	221.5	227.5	W	5,724.8	W	
April 2018_	219.5	225.6	W	5,475.6	W	
May 2017	238.5	243.1	W	W		
Idaho	250.5	2.5.1		••		
May 2018	W	W	_	1,742.6		
April 2018		<del>v</del> v		1,587.1		
May 2017	<del>W</del>	<del>v</del> v		1,649.5		
Montana	vv	**		1,043.3		
May 2018	W	W		1,581.6		
April 2018	W W			1,384.9		
May 2017	vv	VV	-	1,561.2		
Utah				2.222.2		
May_2018			W	3,386.9	W	
April 2018		W	W	3,136.2	W	
May 2017	W	W	W	W	W	
Wyoming						
May 2018	W	14.2	<del>-</del>	1,064.6		
April 2018		11.6	<del>-</del>	1,114.2		
May 2017	W	13.3	-	1,043.2	-	
PAD District 5						
May 2018	5,919.5	5,997.1	W	35,543.8	W	
April 2018	5,807.1	5,882.8	20,803.5	35,084.8	2,870.6	
May 2017	5,920.4	5,996.6	W	34,831.6	W	
Alaska						
May 2018	W	W	101.5	W	W	
April 2018	W	W	92.0	W	W	
May 2017	W	W	103.6	W	W	
Arizona						
May 2018	W	W	1,266.5	5,075.4		
April 2018		W	WW	5,248.9		
May 2017	W	<del>v</del> v W		4,758.5	W	
California	vv	**	**	4,730.3	vv	
	4 452 2	4,453.5	15,651.0	18,246.7	2,438.2	
May 2018	4,452.3					
April 2018	4,397.3	4,398.9	15,878.6	18,128.5	1,791.7	
May 2017	4,475.5	4,477.6	15,706.1	18,735.1	1,817.4	
Hawaii						
May_2018			W	W	W	
April 2018		W	W	W	W	
May 2017	W	W	W	W	W	
Nevada						
May 2018	W	W	W	1,879.9	W	
April 2018		W	W	1,695.9	W	
May 2017	W	W	W	1,674.1	W	
Oregon						
May 2018	116.8	116.8	W	3,209.5	W	
April 2018	114.8	114.8	W	3,184.9	W	
May 2017	118.1	118.1	985.3	2,893.2	67.9	
Washington						
May 2018	407.5	416.0	W	6,331.9	W	
April 2018	359.2	366.8	W	6,079.1	W	
May 2017	385.0	393.0	W	6,084.7	W	
, 2017	505.0	333.0	**	0,004.7	,	

<sup>- =</sup> No data reported.

NA = Not available

W = Withheld to avoid disclosure of individual company data.

<sup>[</sup>a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2017 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."